Revisions					<b>21</b> 6339		С
LAL	Rev.	Description		Chk	Date	Approve	∍d
	Α	ENGRG RELEASE		Bot	3-8-76	R	
	В	REVISED; ADDED ITEM 27	玑	bel	7-76	MA	
	С	ADDED NOTE 2. SH 7 REVISED"WAKECURT"SCHEMATIC. SH 12 REVISED"SWKMRT"SCHEMATIC.		EN .	10-4	R	2

## ENGINEERING RELEASE

## THIS DOCUMENT CONTAINS 14 SHEETS.

564-1(3/73)

Dist Code

ALT

These drawings and specifications, and the data contained therein, are the exclusive property of Xerox Corporation and/or Rank Xerox, Ltd. issued in strict confidence and shall not, without the prior written permission of Xerox Corporation or Rank Xerox, Ltd., be reproduced, copied or used for any purpose whatsoever, cept the manufacture of articles Xerox Corporation or Rank	Notes Unless Specified  1. Tolerances .xx ±.03 Angular .xxx ±.010 ±½°  2. Break All Sharp Edges .010 Approx. 3. Mach. Surfaces  4. All Dim. in Inches	Check Belowies  Appr. Gal  Material	Xerox Corporation El Segundo, California  Title ALTO II  ASSEMBLY, PRINTED WIRING -  DISPLAY CONTROL			
Model No. ALTO II First Use EWO 7YF92 Next Assy. First Use 21 6302			Do Not Scale Drawing Sheet 1			

## NOTES: UNLESS OTHERWISE SPECIFIED

- 1. ASSEMBLE PER ALTO II MODULE ASSEMBLEY SPECIFICATION, DWG NO. 216207.
- 2. CUT ETCH & ADD JUMPERS AS FOLLOWS: (FOR "B" REV ASSYS ONLY)
  - A. CUT ETCH BETWEEN A20-13 AND PIN 115 (CIRCUIT SIDE).
  - B. ADD JUMPER FROM A20-13 TO A18-13 (CIRCUIT SIDE).
  - C. ADD JUMPER FROM A18-12 TO PIN 115 (CIRCUIT SIDE).
  - D. CUT ETCH BETWEEN A18-14 AND FEEDTHRU BETWEEN A57 AND A58(CONNECTS TO A54-10) (CIRCUIT SIDE).
  - E. CUT ETCH BETWEEN A21-9 AND A62-6 (CIRCUIT SIDE)
  - F. ADD JUMPER:

	FROM:	TO:
1)	A8-9	A21-9
2)	A8-5	A8-11
3)	A8-11	A8-15
4)	A8-4	A8-12
5)	A18-14	A8-10
6)	A8-13	A8-14
7)	A8-13	A54-10 (FEED-THRU BETWEEN A57 & A58)

se drawings and specifications, and the data conlied therein, are the exclusive property of Xerox Corporation and/or Rank Xerox, Ltd. issued in strict confidence and shall not, without the prior written permission of Xerox Corporation or Rank Xerox, Ltd., be reproduced, copied or used for any purpose whatsoever, except the manufacture of articles for Xerox Corporation or Rank Xerox, Ltd.

Title ALTO II

ASSEMBLY, P.W.-

DISPLAY CONTROL

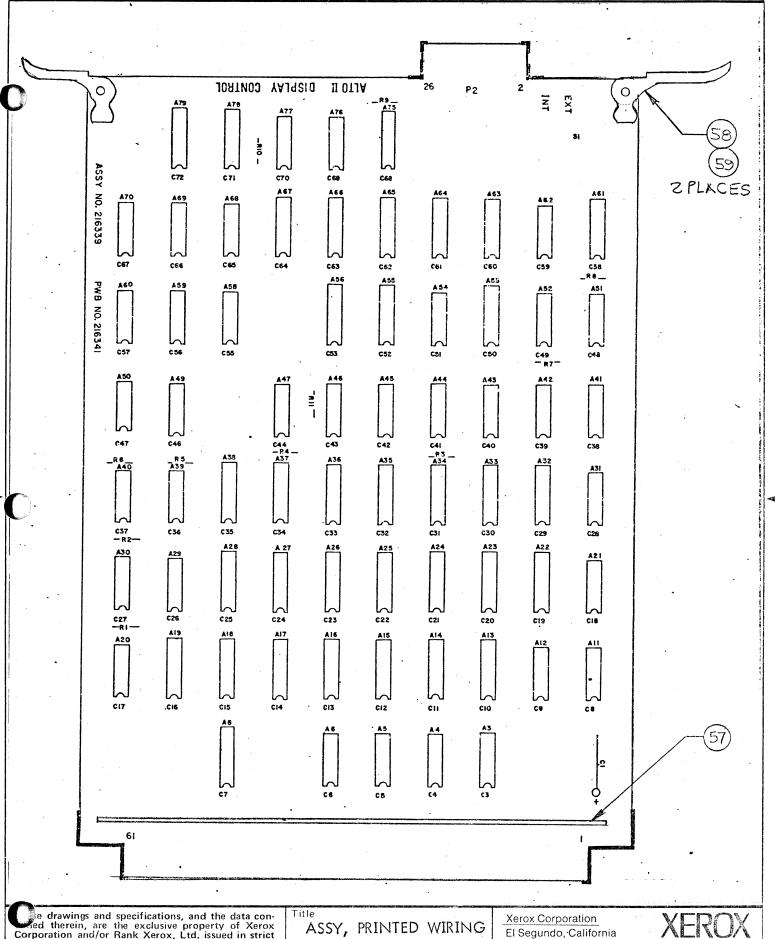
Xerox Corporation
El Segundo, California

XEROX

**21**6339

C

Sheet



e drawings and specifications, and the data conled therein, are the exclusive property of Xerox Corporation and/or Rank Xerox, Ltd. issued in strict confidence and shall not, without the prior written permission of Xerox Corporation or Rank Xerox, Ltd., be reproduced, copied or used for any purpose whatsoever, except the manufacture of articles for Xerox Corporation or Rank Xerox, Ltd.

ASSY, PRINTED WIRING

Xerox Corporation
El Segundo, California

216339

C

Of

3

Sheet

1586(3/73)

Kerox Gorporation 701 South Aviation Boulevard El Segundo, California 90245 213 679-4511



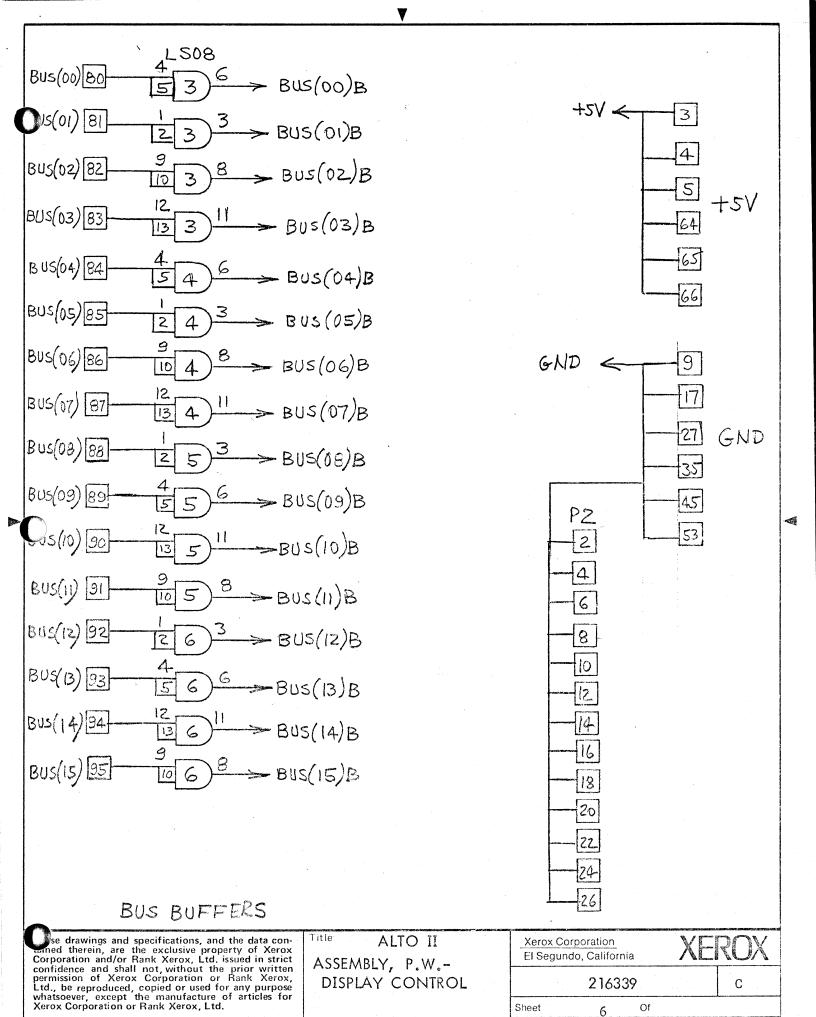
Drawing No. Material List 216339 These drawings and specifications, and the data contained therein, are the exclusive property of Xerox Corporation and/or Rank Xerox, Ltd. issued in strict confidence and shall not, without the prior written permission of Xerox Corporation or Rank Xerox, Ltd., be reproduced, copied or used for any purpose whatsoever, except the manufacture of articles for Xerox Corporation or Rank Xerox, Ltd. Drawing Title
ALTO II ASSEMBLY, PRINTED WIRING-Model No. EWO 7YF92 Date 3/4/76 DISPLAY CONTROL Item No. Drawing Title. Drawing No. No. Req. Remarks Board, P.W., Display Control 216341 1 Procedure, Test 216340 REF ر چ 3 Spec, Module Assembly 216207 REF 4 A29,30,43,58 Microcircuit, 74H00 5 74H01 A40 1 6 74H04 A42 7 74H08 A31 1 8 74H10 1 A21 9 74H11 2 A11,12 10 74H21 1 A46 11 74H30 A76 1 12 74H50 1 A52 13 74H74 A44, 45, 47 3 14 74157 1 A35 15 74166 A17,22,28,32 16 74174 2 A18,64 17 74279 A19 18 74298 A56 1 19 74S02 A20,50 20 74S04 A41,49,62,70 21 74S10 1 A59 22 A61,78,79 74S163 3 23 A3,4,5,6 74LS08 24 74S08 1 A39 25 74S74 1 A68 26 Microcircuit, 74S00 A69 MICROCIRCUIT, 74109 27 **8**A 28 29 Microcircuit, 13101A Intel 4 A14,15,24,25 Microcircuit, 13404 Intel A13,23,34 32 33

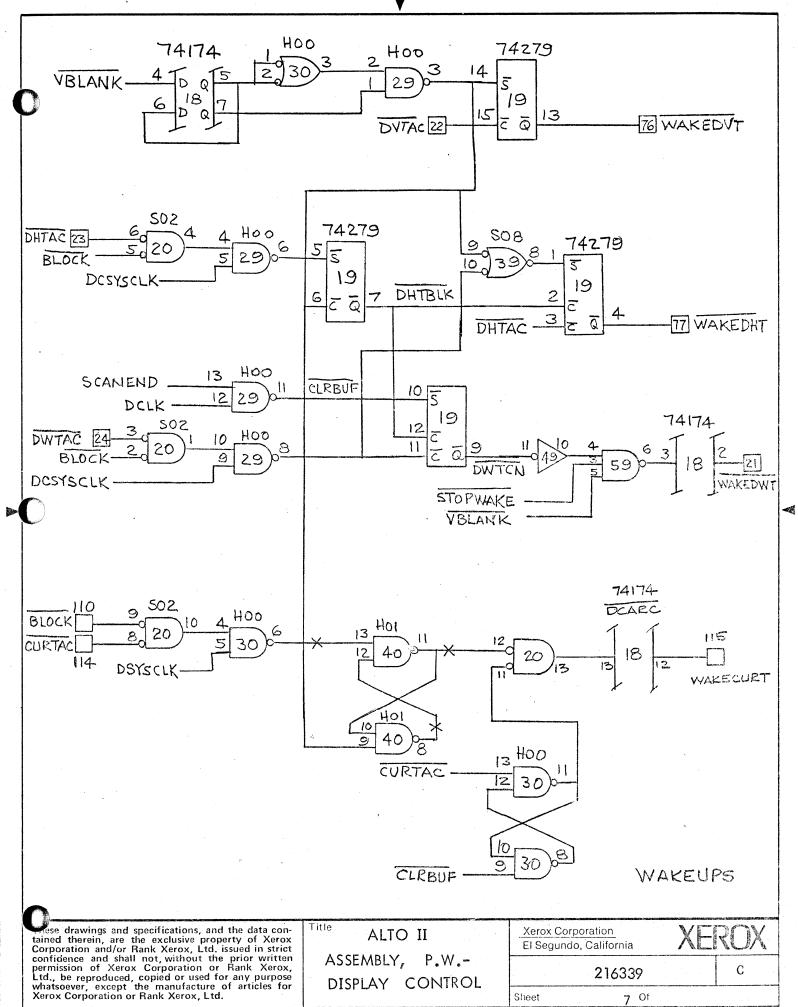
106B(3/73)

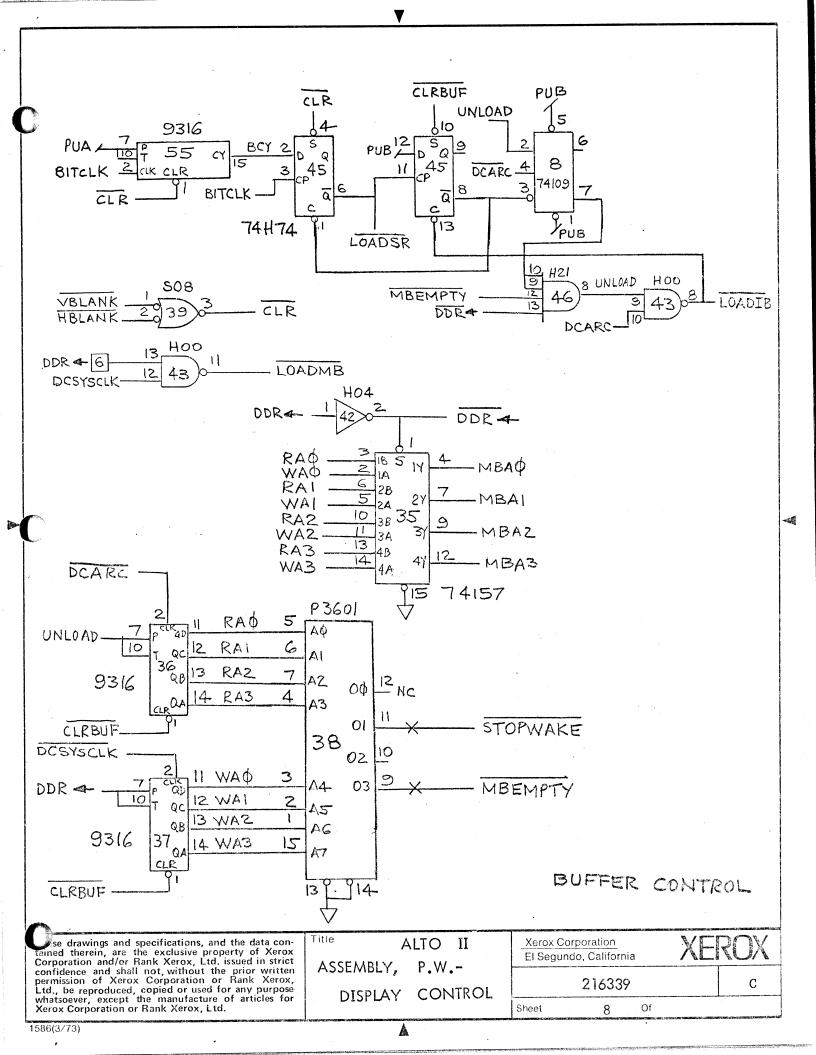
Drawing No.

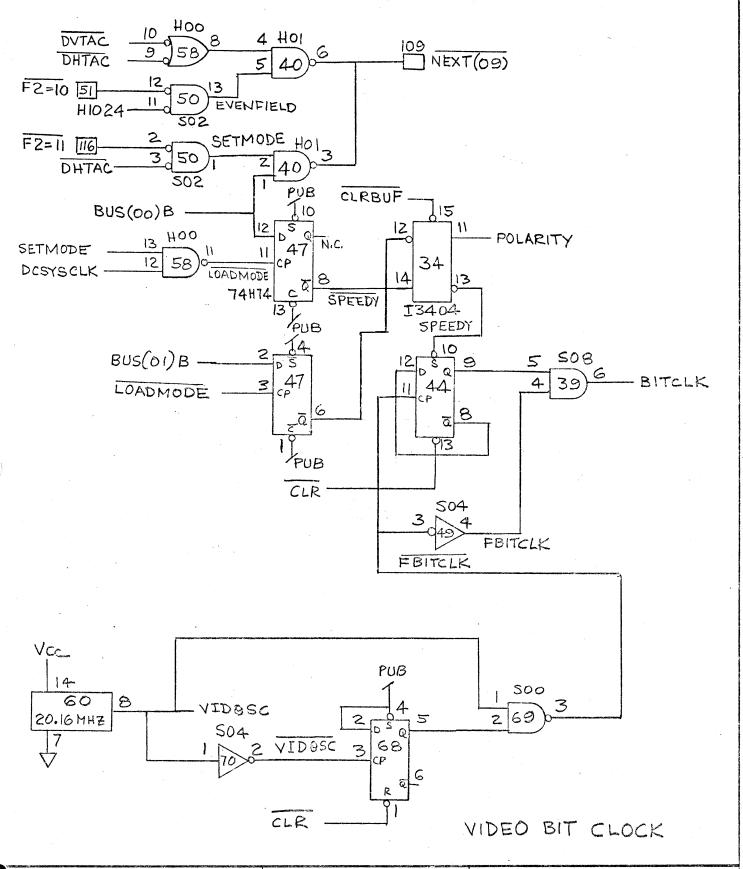


Drawing No. **216339** ML Material List These drawings and specifications, and the data contained there-in, are the exclusive property of Xerox Corporation and/or Rank Drawing Title ALTO II Xerox, Ltd. issued in strict confidence and shall not, without the prior written permission of Xerox Corporation or Rank Xerox, Ltd., be reproduced, copied or used for any purpose whatsoever, except the manufacture of articles for Xerox Corporation or Rank Xerox, Ltd. ASSEMBLY, PRINTED WIRING-Date DISPLAY CONTROL EWO 7YF92 3/4/76 Drawing No. No. Req. Remarks Drawing Title item No. MC3026 Motorola 2 A54,77 Microcircuit, 34 K1091A Motorola OSC 20.16MHZ A60 35 2 OSC 29.40 MHZ 36 K1100A Motorola A51 1 2.56 PROM S82S23 Signet A63 37 2 A38,66 38 P3601 M.I.L. A16,26,27,36,37,55,65,67,75 9 39 F9316 Fairchild 2 A33,53 898-1-330 Beckman 40 Microcircuit, 41 42 C55 Thru 72 43 C3 Thru 44,46 Thru 53 44 68 Centralab #UK-10-503 Capacitor, .05 uF, 10V 45 1 Capacitor, Tant. 22 uF, 15V 187720-005 46 47 48 49 R1, 2, 3, 5, 6, 7, 11 Resistor, 3301, ±5%, 1/4W 116447-331 50 Resistor, 1K,  $\pm 5\%$ , 1/4W R4, 8, 9, 10 116447-102 51 52 53 Contrl Sw # T8201 54 Switch Augat #514-AG10D 55 Socket, Microcircuit 34 34 Augat #516-AG10D 56 Socket, Microcircuit 216242 1 57 Stiffener 2 Extractor, Module 216250 58 2 156111-005 59 Rivet









se drawings and specifications, and the data conled therein, are the exclusive property of Xerox Corporation and/or Rank Xerox, Ltd. issued in strict confidence and shall not, without the prior written permission of Xerox Corporation or Rank Xerox, Ltd., be reproduced, copied or used for any purpose whatsoever, except the manufacture of articles for Xerox Corporation or Rank Xerox, Ltd.

ASSEMBLY, P.W.DISPLAY CONTROL

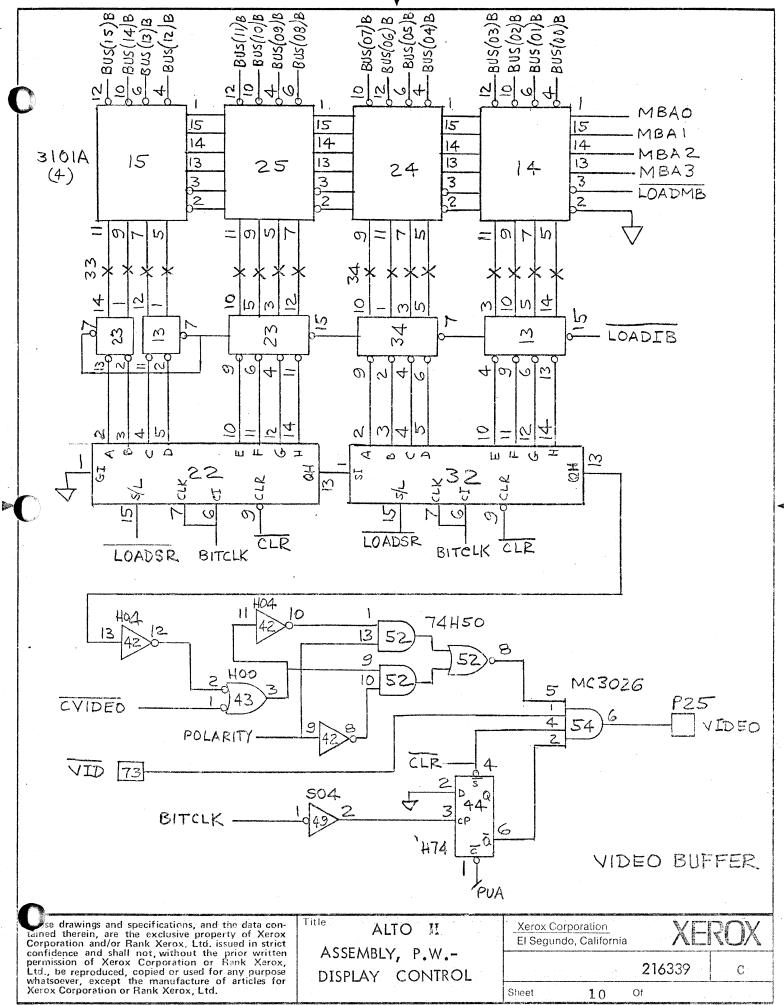
Xerox Corporation
El Segundo, California

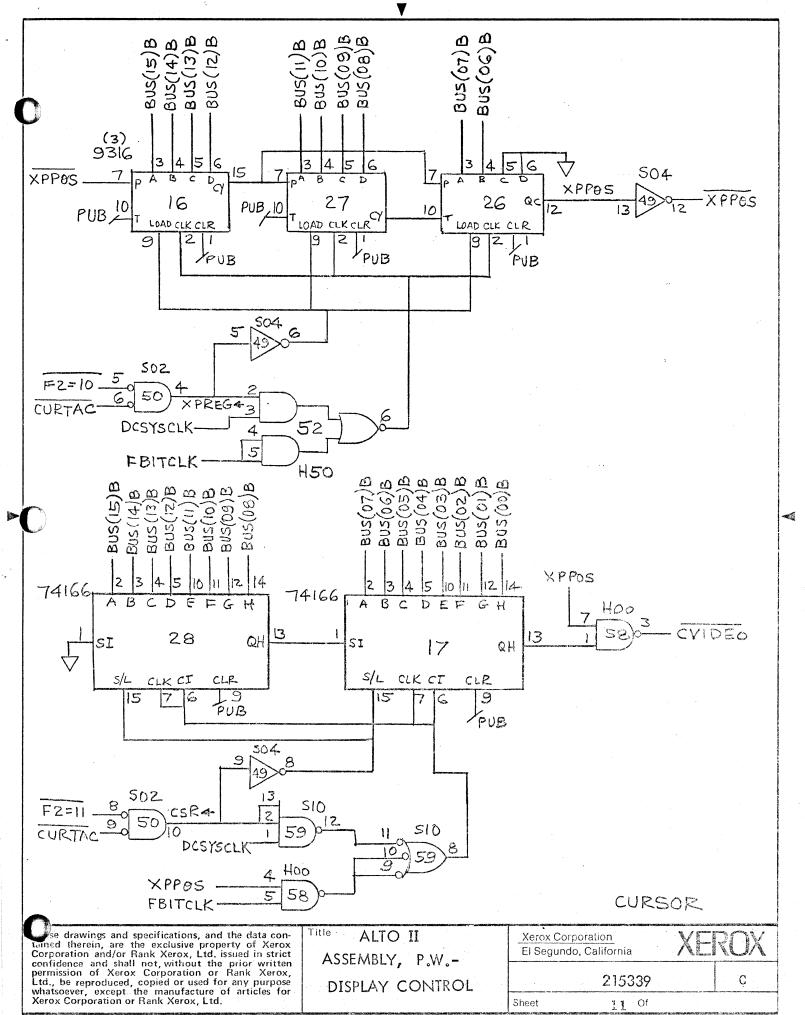
216339

C

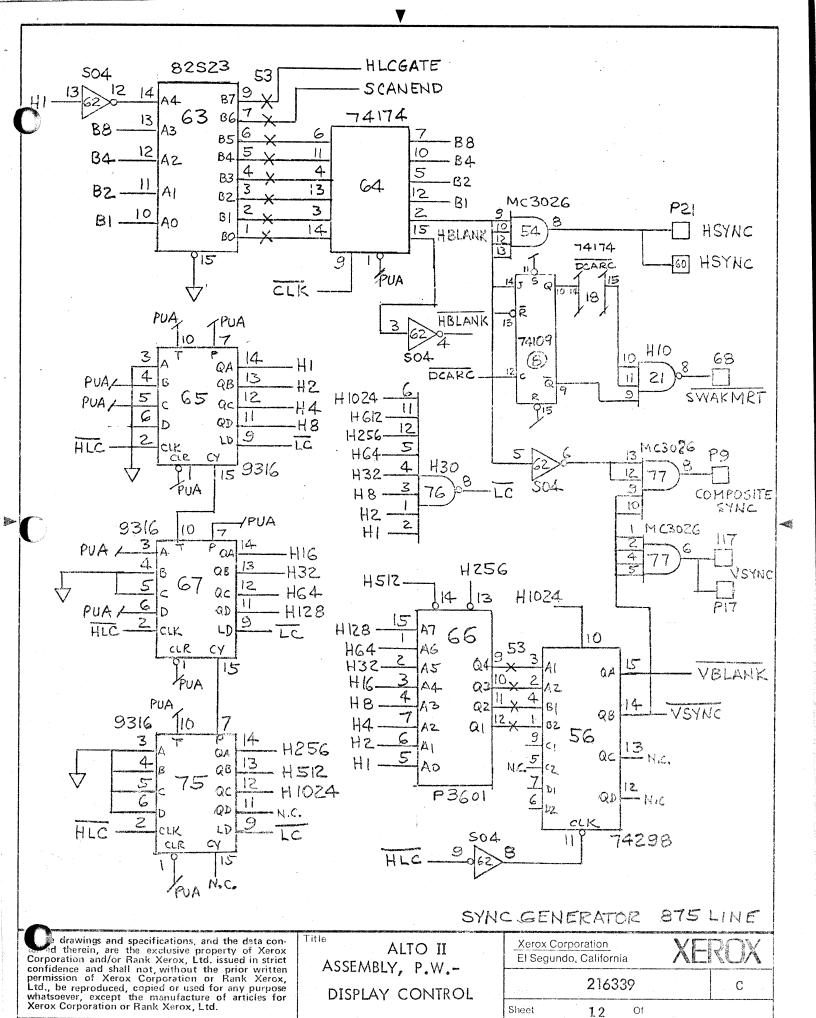
Sheet 9 Of

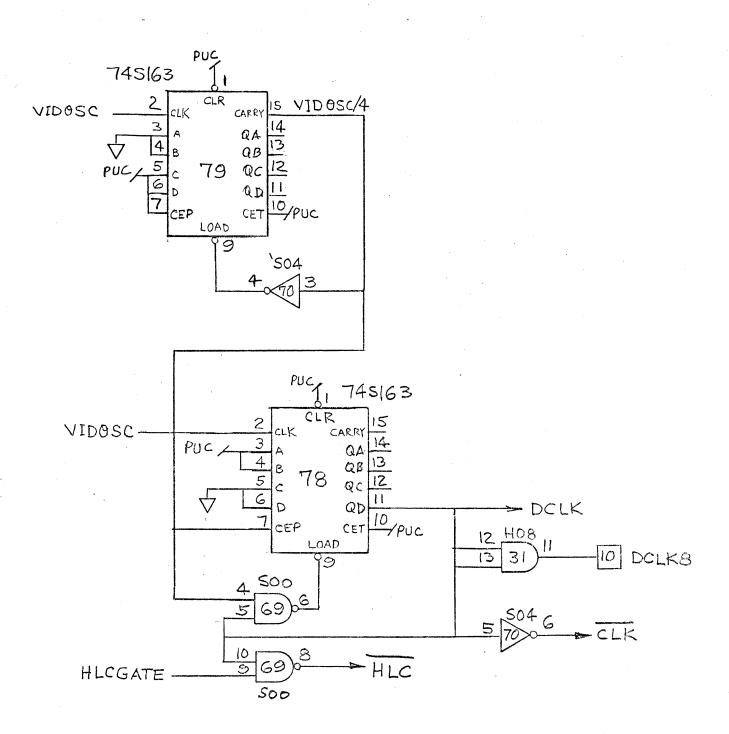
1586(3/73)





Δ





e drawings and specifications, and the data contained therein, are the exclusive property of Xerox Corporation and/or Rank Xerox, Ltd. issued in strict confidence and shall not, without the prior written permission of Xerox Corporation or Rank Xerox, Ltd., be reproduced, copied or used for any purpose whatsoever, except the manufacture of articles for Xerox Corporation or Rank Xerox, Ltd.

ASSEMBLY, P.W. DISPLAY CONTROL

Xerox Corp El Segundo	oration o, California	XEROX		
	216339		С	
Sheet	<b>13</b> Of			

